



Sheet 1 of 1

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27581/01745	Serial No. 10/699,086
		Applicant Cavanagh et al.	
		Filing Date 10/31/03	Group 3748

### INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS							
*Examiner Initials	Document Number	Issue Date	Name	Class	Subclass	Filing Date if Appropriate	
TTB	3,019,780	02/06/62	Nuding	60 123	279 119		
	3,397,682	08/20/68	Riggan	60 123	279 119		
	3,566,610	03/02/71	Fiore	60 62	279 5		
	3,861,142	01/21/75	Bose	60	274		
	3,892,070	07/01/75	Bose	60	279		
	4,345,572	08/24/82	Suzuki et al.	123	568.11		
	4,426,967	01/24/84	McWhorter	123	315		
	5,193,341	03/16/93	Sibbertsen et al.	60	299		
	5,461,868	10/31/95	Finko	62	5		
	5,617,726	04/08/97	Sheridan et al.	60	605.2		
TTB	6,247,460 B1	06/19/01	Lindberg et al.	123	563		

FOREIGN PATENT DOCUMENTS							
*Examiner Initials	Document Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
TTB	"Ranque-Hilsch Vortex Tube", Website Printout, Tim Cockerill, 1995
TTB	EXAIR® "A Phenomenon of Physics", Website Printout, EXAIR Corporation, date unknown
TTB	EXAIR® "Vortex Tubes", Website Printout, EXAIR Corporation, date unknown

Examiner	<i>habab neu</i>	Date Considered	06/21/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			